Zachary I. Fey

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(770) 845-3259

WORK EXPERIENCE

Toyota Denso Automotive Compressor Georgia, LLC, Pendergrass, Georgia   Jun. 2018 - Present

Production Engineer

- Developed and deployed a spreadsheet to automate data collection and visualization
- Completed targeted fault reduction campaign, reducing fault occurences by 95%
- Maintained and improved three separate assembly lines, each with cycle times of 13 seconds or less
- Deciphered ladder logic programs written by Japanese developers (confusing commenting)
- Troubleshot existing machine code to keep the line operating efficiency above 90%
- Maintained an SQL database which collected data from the assembly line machines
- Led and assisted with major project implementations, including new machines
- Managed numerous projects concurrently while constrained by tight deadlines

Schlumberger, Maurice, Louisiana   Jun. 2015 – Jun. 2018

Field Engineer

- Key contributor in over $25 million of revenue generation through project management for offshore operations
- Worked concurrently with cross-functional teams including Logistics, Sales, Operations, and Engineering
- Suggested and implemented new mechanical and software technology to improve process safety and workflow
- Received a total of three rewards recognizing hard work, dedication, and excellence in execution
- Increased engineering team efficiency by approximately 12% by developing 'smart' spreadsheets and templates
- Created over 45 job designs for 10 different service types; each design includes:
    - Understanding client requirements to design an appropriate operation
    - Updating technical drawings and specifications based on equipment modifications
    - Create and improve operations documentation (procedures, design sheets, post job reports, etc.)
    - Establishing beneficial relationships with client and 3rd party vendors
- Executed more than 15 operations, each of which requires:
    - Leading 8-person teams and overseeing the operation to exceed district KPIs
    - Coordinating operations, equipment, and personnel logistics between vendors, clients, and the office
    - Providing technical support for field personnel during operations
- Completed over 30 post-job reports which include:
    - Tracking and displaying a time breakdown of the operation
    - Writing a detailed overview of the operation and recommending improvements for future operations

EDUCATION

Georgia Institute of Technology, Atlanta, Georgia

Certification, **Full Stack Web Developer**   Jan. 2019 - Jul. 2019 (anticipated)

- HTML, CSS, Bootstrap, Javascript, jQuery, and more to be learned

Bachelor of Science, **Chemical Engineering**   Aug. 2012 - May 2015

- High Honors**, GPA: 3.44**
- Thomas L. Gossage Scholarship, recipient

SKILLS & CERTIFICATIONS

Computer

- Expert: Microsoft Office (Excel, Word, PowerPoint, Outlook, OneNote), VBA
- Intermediate: HTML, CSS, JavaScript, jQuery, MATLAB, Python, Linux, EthernetIP
- Novice: C#, C, SQL, Java

Other Certifications/Courses

Object Oriented Programming with Java, Parts I and II, University of Helsinki MOOC   Feb. 2017 - May 2017